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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/789,687

02/27/2004

Peter F. King

UWP1P009D1/1017D1

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07/09/2007

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EXAMINER

CHAN, RICHARD

ART UNIT

PAPER NUMBER

2618

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/789,687

Applicant(s)

KING ET AL.

Examiner

Richard Chan

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 30-43 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 30-43 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 10/07/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 30-43 are rejected under 35 U.S.C. 102(e) as being anticipated by Gauvin (US 5,790,800).

With respect to claim 30, Gauvin discloses the method for storing a content channel from a remote server 111-113 onto a mobile device 110 through a wireless network 13, (Col.3 line 36-41) the content channel (object oriented database 341-349) Fig.3 including resources, said method comprising the acts of: (a) receiving an instruction to load the content channel from the connection manager 200 into a cache memory 300 of the mobile device; (b) determining whether the content channel can fit within a reserved portion of the cache memory of the mobile device; (Col.5 line 43-46) and (c) loading the content channel into the reserved portion of the cache memory 300 from the remote server 111-113 through the wireless network when said determining (b) determines that the content channel is able to fit within the reserved portion of the cache

memory. (Col.4 line 5-16)

With respect to claim 31, Gauvin Fig.8 discloses the method as recited in claim 30, wherein said method further comprises: (d) performing automatic notifications to either the mobile device or the remote server based on the success or failure of the storing of the content channel on the mobile device. Step 830 (Col.10 line 4-13)

With respect to claim 32, Gauvin discloses the method as recited in claim 30, wherein the content channel is defined by a channel specification. (Col.6 line41-51)  
Gauvin discloses specific information of each object that is transferred from the server to the mobile client.

With respect to claim 33, Gauvin discloses the method as recited in claim 30, wherein the reserved portion of the cache memory 300 is protected from cache clean-up or refresh processing being used in a remaining portion of the cache memory, thus once loaded the presence of the content channel within the cache memory is guaranteed. (Col.7 line 56-59 and Col.7 line 66 -Col.8 line 2) Specifically the delete commands labeled.

With respect to claim 34, Gauvin discloses the method for manipulating a list resident on a mobile device 110 used with a wireless communication system, said method comprising the acts of: (a) displaying a list on a display device on the

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communication manager GUI 220 of the mobile device 110, (Col.5 line 43-46) the list being displayed from a descriptive file (Objects 341-349); (b) receiving, at the mobile device 110, a list command to modify the displayed list; (Col.5 line 46-52) (c) locating a list object 330 stored within the mobile device 110, the list object corresponding to the displayed list; (Cp;5 line 66-Col.7 line 1)(d) modifying the list object in accordance with the list command; (e) obtaining, from the list object, a pointer to the descriptive file; and (f) modifying at least a portion of the descriptive file in accordance with the list command with communication manager 200. (Col.5 line 9-14)

With respect to claim 35, Gauvin discloses the method as recited in claim 34, wherein said acts of (a)-(f) are performed locally by the mobile device 110 without interaction with remote servers 111-113 of the wireless communication system. (Col.5 line 43-52)

With respect to claim 36, Gauvin discloses the method as recited in claim 34, wherein said method further comprises: (g) asynchronously notifying a remote server of the modification made to the displayed list. (Col.4 line 50-54)

With respect to claim 37, Gauvin discloses the method as recited in claim 34, wherein the descriptive file is a markup language file. (Col.6 line 28-36)

With respect to claim 38, Gauvin discloses the method as recited in claim 34, wherein said method further comprising: (g) locating, prior to said modifying (f), a portion of the descriptive file to be modified using at least the pointer. (Col.5 line 9-11)

With respect to claim 39, Gauvin discloses the method as recited in claim 38, wherein said locating (g) of the portion of the descriptive file comprises: (g1) identifying a target element within the descriptive file based on the pointer; and (g2) locating within the target element the portion of the descriptive file to be modified. (Col.5 line 9-11)

With respect to claim 40, Gauvin discloses the method as recited in claim 39, wherein said locating (g2) comprises: obtaining a reference indicator for a list element of the list object that has been modified; and searching the target element for the reference indicator to locate the portion of the descriptive file to be modified. (Col.5 line 9-11)

With respect to claim 41, Gauvin discloses the method as recited in claim 38, wherein said modifying (f) comprises: editing the portion of the descriptive file to be modified in accordance with the list command. (Col.5 line 7-14)

With respect to claim 42, Gauvin discloses the method as recited in claim 34, wherein said modifying (f) comprises: regenerating the descriptive file in accordance

with the list command. (Col.5 line 9-14)

With respect to claim 43, Gauvin discloses the method as recited in claim 34, wherein at least a portion of the list object is stored within the descriptive file in database 300. (Col.5 line 46-52)

### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Chan whose telephone number is (571) 272-0570. The examiner can normally be reached on Mon - Fri (9AM - 5PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on (571)272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Richard Chan  
Art Division 2618  
6/23/07



NAY MAUNG  
SUPERVISORY PATENT EXAMINER